L Number	Hits	Search Text	DB	Time stamp
- Number	0	(lim dong).in. and heating with pad.ti.	USPAT;	2004/04/12
		(11m doing), tank and nearting when paules.	US-PGPUB; EPO; JPO	13:20
	1	heating with pad.ti. and polymer and	USPAT;	2004/04/12
-	1	cloth and temperature and coating	EPO; JPO	13:22
	60	heating with pad and polymer and cloth	USPAT;	2004/04/12
	80	and temperature and coating and	EPO; JPO	13:30
	2	(synthetic adj fiber nylon polyester)	USPAT;	2004/04/12
_	2	heating with pad and conducti\$2 adj polymer and cloth and temperature and coating and (synthetic adj fiber nylon polyester)	EPO; JPO	13:31
_	2	heating with pad and conducti\$2 adj	USPAT;	2004/04/12
	_	polymer and cloth and temperature and coating	EPO; JPO	13:31
_	8	heating with pad and conducti\$2 with	USPAT;	2004/04/12
		polymer and cloth and temperature and coating	EPO; JPO	13:32
l_	29	heating with (mat blanket pad) and	USPAT;	2004/04/12
	23	conducti\$2 with polymer and cloth and temperature and coating	EPO; JPO	13:38
_	o	(mat blanket pad) same conducti\$2 with	USPAT;	2004/04/12
		polymer and cloth and temperature and coating and sensor and fiber with	EPO; JPO	13:39
	_	(synthetic natural)	HCDAM.	2004/04/12
-	5	(mat blanket pad) with polymer and cloth and temperature and coating and sensor	USPAT; EPO; JPO	14:25
		and fiber with (synthetic natural) and	EPO, UPO	14.23
	1	monomer 4527566.pn.	USPAT;	2004/04/12
-		4327300.pm:	EPO; JPO	14:25
_	1	4788417.pn.	USPAT;	2004/04/12
	_		EPO; JPO	14:43
_	6	("2745942" "3739142" "4149066"	USPAT	2004/04/12
1		"4322604" "4507546" "4514619").PN.		14:25
-	18	2745942.URPN.	USPAT	2004/04/12
			***	14:26
_	18	2745942.URPN.	USPAT	2004/04/12 14:28
_	10	3739142.URPN.	USPAT	2004/04/12 14:29
-	30	4149066.URPN.	USPAT	2004/04/12
_	64924	synthetic with fiber	USPAT;	2004/04/12
	2002		EPO; JPO USPAT;	14:43 2004/04/12
-	3803	synthetic with fiber with cloth	EPO; JPO	14:44
1_	24	dopant same monomer same oxidizer	USPAT;	2004/04/12
	"	departe same morremen same entante	EPO; JPO	15:01
_	9	(dopant same monomer same oxidizer) and	USPAT;	2004/04/12
		heat\$3 and coat\$3	EPO; JPO	14:53
-	2		USPAT;	2004/04/12
		heat\$3 and coat\$3) and (fiber cloth)	EPO; JPO	14:56
_	3	heat\$3 and coat\$3) and (fiber cloth nylon	USPAT; EPO; JPO	2004/04/12 14:57
1_	34	polyester) dopant and monomer and oxidizer and	USPAT;	2004/04/12
-	34	(cloth fiber nylon polyester) and	EPO; JPO	15:03
		magnetic and coating and heating and		
		polymeriz\$5	HCDAM.	2004/04/12
-	41	, , == : : : · · · · · · · · · · · · · · ·	USPAT; EPO; JPO	2004/04/13
		coating and dopant and monomer and	EPO, 3PO	11:20
1_	31	oxidizer and heating and water ((cloth nylon polyester fiber) same	USPAT;	2004/04/13
-	31	coating and dopant and monomer and	EPO; JPO	11:29
		oxidizer and heating and water) and		
		chemical and electrical		
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				T
-	17	heating and heater and coating and dopant	USPAT;	2004/04/13
		same (aniline monomer) same oxidiz\$3 and	EPO; JPO	13:49
	_	magnetic		
-	3	coating and dopant same (aniline monomer)	USPAT;	2004/04/13
		same oxidiz\$3 and magnetic with (cover	EPO; JPO	13:51
	_	sheet layer film)		0004/04/10
_	3	coating and dopant same (aniline monomer)	USPAT;	2004/04/13
		same oxidiz\$3 and magnetic with (cover	EPO; JPO	13:52
		sheet layer film) and conduct\$3 with		
		polymer		
-	0	heater and dopant same (aniline monomer)	USPAT;	2004/04/13
		same oxidiz\$3 and magnetic with (cover	EPO; JPO	13:53
		sheet layer film) and conduct\$3 with		
	_	polymer		1 000 0 100 100
-	3	resist\$3 and dopant same (aniline	USPAT;	2004/04/13
		monomer) same oxidiz\$3 and magnetic with	EPO; JPO	13:58
		(cover sheet layer film) and conduct\$3		
		with polymer		2004/04/12
-	3	resist\$3 and dopant same (aniline	USPAT;	2004/04/13
1		monomer) same oxidi\$4 and magnetic with	EPO; JPO	13:59
		(cover sheet layer film) and conduct\$3		
	000	with polymer	USPAT;	2004/04/13
-	828	coating and heating and magnetic with	EPO; JPO	13:59
		(cover sheet layer film) and conduct\$3	EPO, JPO	13.39
	674	with polymer	IICDAT.	2004/04/13
-	674		USPAT; EPO; JPO	14:00
		(cover sheet layer film) and conduct\$3 with polymer) and (cloth fiber nylon	EFO, UPO	17.00
		polyester) and (Cloth libel hylon polyester)		ļ
	186		USPAT;	2004/04/13
-	100	(cover sheet layer film) and conduct\$3	EPO; JPO	14:01
		with polymer) and (cloth fiber nylon	HEO, OFO	14.01
		polyester)) and (resistor heater)		
_	1	((coating and heating and magnetic with	USPAT;	2004/04/13
		(cover sheet layer film) and conduct\$3	EPO; JPO	14:01
		with polymer) and (cloth fiber nylon	220, 020	
		polyester)) and (resistor heater).ti.		
_	1	4983814.pn.	USPAT;	2004/04/13
	_		EPO; JPO	14:53
_	11	("4310566" "5455736" "5457862"	USPAT	2004/04/13
		"5470505" "5487847" "5543438"		14:32
		"5616274" "5622668" "5624605"		l i
		"5729428" "5951840").PN.		
_	11	("4310566" "5455736" "5457862"	USPAT	2004/04/13
		"5470505" "5487847" "5543438"	1	14:51
		"5616274" "5622668" "5624605"		
		"5729428" "5951840").PN.		
-	13	satoh.in. and synthetic.ti.	USPAT;	2004/04/13
			EPO; JPO	14:55
-	2	dopant same (monomer aniline pyrrole	USPAT;	2004/04/13
		thiophene) same oxidi\$4 and heating with	EPO; JPO	15:02
1		(pad layer film blanket) and wash with		
		water		0004/04/20
-	1	dopant same (monomer aniline pyrrole	USPAT;	2004/04/13
		thiophene) same oxidi\$4 and heating and	EPO; JPO	15:03
		coating with (fiber cloth nylon	[
		polyester) and wash with water	, , con , co	2004/04/13
-	28		USPAT;	2004/04/13
		thiophene) same oxidi\$4 and coating with	EPO; JPO	15:14
		(fiber cloth nylon polyester) and		
	_	conduct\$4 with polymer	IICDam.	2004/04/13
-	0	1 E	USPAT; EPO; JPO	15:14
		thiophene) same oxidi\$4 and coating with	EPO, JPO	13:14
1		(fiber cloth nylon polyester) and		
		(magnetic conduct\$3 metal) near		-
	56	patterning	USPAT;	2004/04/13
-	56	heating adj pad and conductive with polymer	EPO; JPO	16:20
1_	,	polymer heating adj pad same conduct\$3 with	USPAT;	2004/04/13
-	1	polymer	EPO; JPO	16:28
	<u> </u>	horluct	11:0, 0FO	1 ~ ~

_	5	heating adj pad and conduct\$3 with	USPAT;	2004/04/13
		polymer and temperature with sensor same	EPO; JPO	16:30
		controller		
-	2	heating adj pad and temperature with	USPAT;	2004/04/13
		sensor same controller and portable with	EPO; JPO	16:32
		power with supply		
_	32	heating adj pad and temperature with	USPAT;	2004/04/13
	1	sensor same controller and power with	EPO; JPO	16:33
		supply		
-	73	heating adj pad and temperature with	USPAT;	2004/04/13
		sensor same controller	EPO; JPO	16:36
ļ -	113	heating adj (mat blanket pad) and	USPAT;	2004/04/13
		temperature with sensor same controller	EPO; JPO	16:36
-	36		USPAT;	2004/04/13
		and temperature with sensor same	EPO; JPO	16:36
		controller		

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110 6040789 A 10000004 Dispersible thormal body and		Davie Legge Vrieting
US 6019/62 A ZUUUUZU DISPOSABIE ITIETIIIAI DUUY pau	06//00	Davis, Leane Kristine e
US 6096067 A 20000801 Disposable thermal body pad	96/209	Cramer, Ronald Dean
US 6172344 B1 20010109 Electrically conductive materials	219/529	Gordon, John Yeats et
US 5634215 A 19970603 Work pant garment fabricated from abrasion-resistant material coated with polyurethane	2/227	DeBaene, David N.
US 5817150 A 19981006 Therapeutic pad and method	607/114	Owens, Byron C.
US 5213865 A 19930525 Antistatic mat	428/92	Yamada, Kohei
US 4788417 A 19881129 Electrical heating pad	219/528	Graflind, Leif
US 4527566 A 19850709 Body wrap	607/112	Abare, Helena E.
US 5630959 A 19970520 Microwavable heating pad for warming food and method	219/730	Owens, Byron C.
US 5432322 A 19950711 Electric heating pad	219/528	Ingram, Aaron N. et al.
US 4149066 A 19790410 Temperature controlled flexible electric heating panel	219/505	Niibe, Akitoshi
US 3739142 A 19730612 ELECTRIC BLANKET HAVING AUXILIARY HEATING ELEMENT	219/212	Johns, John M.
US 4139763 A 19790213 Blanket heater with temperature control means	219/528	McMullan, James P. et
US 4777351 A 19881011 Devices comprising conductive polymer compositions	219/528	Batliwalla, Neville S. e.
US 5824996 A 19981020 Electroconductive textile heating element and method of manufacture	219/529	Kochman, Arkady et al
US 6057530 A 20000502 Fabric heating element and method of manufacture	219/529	Gurevich, Arthur
US 6391379 B1 20020521 Process of preparing a solid electrolytic capacitor containing a conductive polymer counter electrode	427/80	Lessner, Philip M. et a
US 6219223 B1 20010417 Solid electrolyte capacitor and method of producing the same	361/525	Kobayashi, Atsushi et a
US 5590212 A 19961231 Diaphragm for a capacitance type loudspeaker	381/191	Uryu, Masaru et al.
US 6072694 A 20000606 Electrolytic capacitor with improved leakage and dissipation factor	361/523	Hahn, Randolph S. et a
US 5603983 A 19970218 Process for the production of conductive and magnetic transitin metal oxide coated three dimensional subs[427/126.3] Clough, Thomas J. et	st427/126.3	Clough, Thomas J. et a
US 5317132 A 19940531 Heating elements containing electrically conductive tin oxide containing coatings	219/543	Clough, Thomas J. et a
US 5484983 A 19960116 Electric heating element in knitted fabric	219/545	Roell, Friedrich
US 5451747 A 19950919 Flexible self-regulating heating pad combination and associated method	219/528	Sullivan, William M. et
US 5378402 A 19950103 Polymer compositions	252/500	Cross, Malcolm G. et a
US 5716550 A 19980210 Electrically conductive composition and elements containing solubilized polyaniline complex and solvent m 252/500	m 252/500	Gardner, Sylvia Alice e
US 5264552 A 19931123 Organic polymer, conducting organic polymer, production methods and uses of the same	528/422	Abe, Masao et al.
US 5270493 A 19931214 Printed circuit board having electromagnetic wave shield layer and self-contained printed resistor	174/253	Inoue, Kazuhiko et al.